

What is claimed is:

Sub 1
C1
A tray of components for use in performing vertebroplasty, said tray comprising:
a local anaesthesia assembly for producing a reversible loss of sensation in the surgical area proximate to a vertebral body;
a cement assembly for preparation of a hardenable liquid biomaterial strengthening of a vertebral body;
a surgical cutting instrument for providing cutaneous incision in a surgical area proximate to said vertebral body ; and
a device for injection of the hardenable liquid biomaterial into said vertebral body.

Sub 2
2. The tray according to claim 1, wherein said local anaesthesia assembly includes at least one container of a local anaesthesia.

3. The tray according to claim 1, wherein said local anaesthesia assembly includes at least one local anaesthesia aspiration syringe.

4. The tray according to claim 1, wherein said local anaesthesia assembly includes at least one local anaesthesia aspiration needle.

5. The tray according to claim 1, wherein said local anaesthesia assembly includes at least one local anaesthesia injection needle.

6. The tray according to claim 1, wherein said cement assembly includes at least one container of a liquid monomer.

7. The tray according to claim 1, wherein said cement assembly includes at least one monomer aspiration needle.

8. The tray according to claim 1, wherein said cement assembly includes at least one monomer aspiration syringe.

9. The tray according to claim 1, wherein said cement assembly includes at least one mixing bowl.

10. The tray according to claim 1, wherein said cement assembly includes at least one mixing spatula.

11. The tray according to claim 1, wherein said cement assembly includes at least one container of polymer powder.

12. The tray according to claim 1, wherein said cement assembly includes an opacifier.

13. A cement assembly according to claim 11, wherein said polymer powder is methylmethacrylate.

Sub 14. A cement assembly according to claim 11, wherein said polymer in said hardenable liquid biomaterial is from about five grams to about forty grams of methylmethacrylate.

Sub 15. The tray according to claim 1, wherein said surgical cutting instrument is a scalpel.

16. The tray according to claim 1, wherein said device for injection is a vertebroplasty needle.

Sub 17. A kit for use in performing vertebroplasty, said kit comprising:
a first tray of components for performing a first vertebroplasty injection through the first pedicle of a vertebral body;

a second tray of components performing a second vertebroplasty through the second pedicle of a vertebral body, such that second tray of components can remain sterile for use in another vertebral body if said first vertebroplasty injection sufficiently strengthens said vertebral body.

18. The kit according to claim 17, wherein said first tray and said second tray are individually assembled and packaged.

19. The kit according to claim 18, wherein said first tray and said second tray are sterile until use in performing vertebroplasty.

20. A tray of components for use in performing vertebroplasty, said tray comprising:
a local anaesthesia;
a local anaesthesia aspiration syringe;
a local anaesthesia aspiration needle;
a local anaesthesia injection needle;
a liquid monomer;
a monomer aspiration needle;
a monomer aspiration syringe;
a mixing bowl;
a mixing spatula;
a polymer powder;
an opacifier;
a scalpel; and
a vertebroplasty needle.

21. A tray of components for use in performing vertebroplasty, said tray comprising:
a local anaesthesia;
a local anaesthesia aspiration syringe;

a local anaesthesia aspiration needle;
a local anaesthesia injection needle;
a monomer aspiration needle;
a monomer aspiration syringe;
a mixing bowl;
a mixing spatula;
a scalpel; and
a vertebroplasty needle.

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